

Converting Colors

RGB(255, 199, 226)

Have a look what the booklet for
RGB(255, 199, 226) contains.

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Color

RGB(255, 199, 226)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E2
RGB	255, 199, 226
RGB Percent	100%, 78%, 89%
CMY	0.0000, 0.2196, 0.1137
CMYK	0.00, 0.22, 0.11, 0.00
HSL	331°, 100%, 89%
HSV	331°, 22%, 100%
XYZ	75.3909, 67.5978, 81.0257
YIQ	218.8220, 24.7090, 20.2690

Conversions

Conversions Part 2

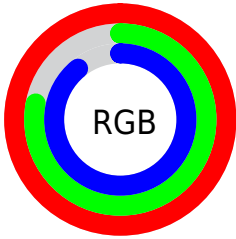
Format	Color
R _Y B	255, 199, 226
Decimal	16762850
CIE Lab	85.80, 24.02, -5.71
CIE LCh	86, 24.695, 346.624
Yxy	67.5978, 0.3365, 0.3018
Android (android.graphics.Color)	4294952930 (0xFFFFC7E2)
YUV	218.8220, 3.5388, 31.7281
Hunter-Lab	82.2179, 19.7968, -0.8777

Details

The RGB color **255, 199, 226** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **199, 255, 228**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 145, 171** is the 20% darker color. If you saturate the color by 10%, you get **255, 174, 213**, and if you desaturate by 10%, it is **255, 225, 239**.

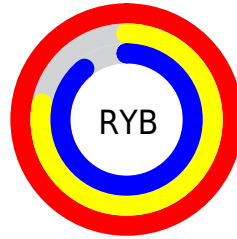
Distribution



Red (100%)

Green (78%)

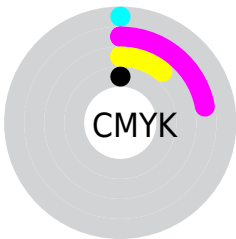
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

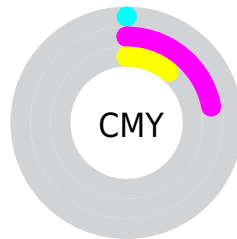


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 199, 226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 255, 199, 226 by changing the saturation by 10% instead.


 255, 199, 226


255, 255, 255

 255, 199, 226

 226, 172, 198

 198, 145, 171

 170, 119, 144

 143, 94, 119

 117, 70, 94

 92, 46, 70


 67, 24, 48

 44, 1, 27

 15, 0, 0

 255, 199, 226

 255, 199, 226

 255, 174, 213

 255, 225, 239


 255, 148, 200

 255, 250, 252


 255, 122, 186

255, 255, 255

 255, 97, 173

 255, 71, 160

 255, 46, 147

 255, 20, 134

 255, 0, 123

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 204, 247



255, 199, 226



255, 198, 202

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 199, 226



219, 217, 170



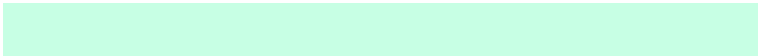
153, 225, 248

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



255, 199, 226



199, 255, 228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151, 228, 227



255, 199, 226



192, 223, 182

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 199, 226



242, 209, 170



167, 227, 203



174, 220, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 199, 226



255, 200, 188



167, 227, 203



150, 227, 242

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



255, 199, 226



255, 237, 246



228, 199, 255



128, 117, 122



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 199, 226



255, 189, 221



255, 200, 199



128, 115, 121



191, 0, 92



64, 0, 31

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



255, 199, 226



255, 189, 221



199, 254, 255



128, 115, 121



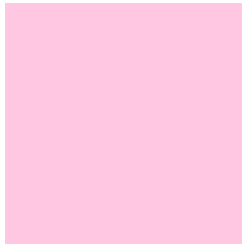
191, 0, 92



64, 0, 31

Previews

White Background



This preview shows how the RGB color 255, 199, 226 looks on a white background.

Color Contrast Check

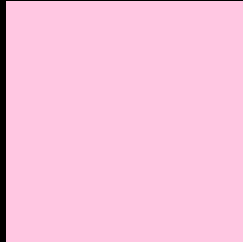
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 199, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 199, 226 Background



This preview shows how black text looks on a background with the RGB color 255, 199, 226.



This preview shows how white text looks on a background with the RGB color 255, 199, 226.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
255, 199, 226

Protanopia
213, 213, 235

Deuteranopia
231, 208, 224



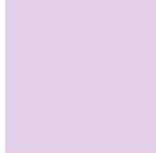
Tritanopia
254, 201, 216

Trichromacy



Original Color

255, 199, 226



Protanomaly

228, 208, 232



Deuteranomaly

240, 205, 225



Tritanomaly

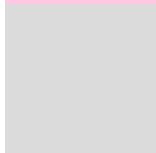
254, 200, 220

Monochromacy



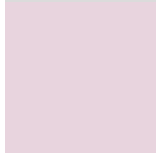
Original Color

255, 199, 226



Achromatopsia

219, 219, 219



Achromatomaly

232, 212, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 199, 226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 199, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 226) }
```

Border

The CSS property to change the border of an element to RGB 255, 199, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 199, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 199, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 255, 199, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
199, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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